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INTERNATIONAL SEARCH REPORT

PCT/GB 03/01192

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B63B43/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 776 637 A (CHADWICK WILLIAM R) 8 January 1957 (1957-01-08) the whole document	1-5
X	US 549 319 A (KATZIN) 5 November 1895 (1895-11-05) the whole document	1-6
X	US 1 130 809 A (GERBER) 9 March 1915 (1915-03-09) the whole document	1-9
A	US 3 171 378 A (WOLFGANG LEHMANN GUENTHER) 2 March 1965 (1965-03-02)	
A	US 991 224 A (MORAUSZKY) 2 May 1911 (1911-05-02)	
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
1 July 2003	09/07/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer De Schepper, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 1 535 155 A (HAY WILLIAM I) 28 April 1925 (1925-04-28) -----	
A	WO 00 35746 A (LUDOLPHIJ JOHANNES WILHELMUS L ;SCHELDE MARITIEM B V (NL)) 22 June 2000 (2000-06-22) the whole document -----	9-35
A	US 5 542 365 A (ACHTARIDES THEODORE A ET AL) 6 August 1996 (1996-08-06) the whole document -----	9-35
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US 549319	A	NONE			
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